

20010428.qrp v02_n173.qrl.20010428

Date: Sat, 28 Apr 2001 19:03:07 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2173

QRP-L Digest 2173

Topics covered in this issue include:

- 1) [97196] re: 1n34a
by William R Colbert <w5xe@juno.com>
- 2) [97197] QRPTTF Texas style
by Bill Stietenroth <k5zty@juno.com>
- 3) [97198] Made the news
by Larry Cahoon <lejek@erols.com>
- 4) [97199] QRPTTF on an Arkansas island
by "Jim" <sunwatt@starband.net>
- 5) [97200] Re: Wilderness KC2 and Sierra front panel - SOLD
by Dave Redfearn <n4elm@home.com>
- 6) [97201] QRPTTF @ WB5QYT
by "T.W." <wb5qyt@abq.com>
- 7) [97202] Re: Made the news
by "Steve Yates, AA5TB" <aa5tb@arrl.net>
- 8) [97203] QRPTTF
by Larry Cahoon <lejek@erols.com>
- 9) [97204] Motorola MWA110
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
- 10) [97205] More Reflections II
by "Craig Johnson" <cbjohns@mn.mediaone.net>
- 11) [97206] Re: More Reflections II
by "George, W5YR" <w5yr@att.net>
- 12) [97207] Re: Motorola MWA110
by Jim Larsen AL7FS <AL7FS@ARRL.NET>
- 13) [97208] Triton IV Analog For Sale
by "NZ8J" <timcook@erinet.com>
- 14) [97209] [Dayton] Dayton Rooms
by Hank Kohl K8DD <k8dd@arrl.net>
- 15) [97210] Help: MFJ-202B RX Bridge Formula
by "Adrian Weiss" <aweiss@usd.edu>
- 16) [97211] Re: Ribbon Radials and reality
by Bill Coleman <aa4lr@arrl.net>
- 17) [97212] QRPTTF, the SLX antenna, and Call Signs
by "Gary O. Lyons" <drgary@urx.com>
- 18) [97213] Anyone have these parts to spare ? (K9AY project)
by "Michael Melland" <w9wis@charter.net>
- 19) [97214] W0CQC es QRP TTF

- by "AB0CD" <ab0cd@uswest.net>
- 20) [97215] W0MC Shack Clearance Sale!
by "Jerry McCollom" <w0mc@hotmail.com>
- 21) [97216] Info on SK3197
by Jim Larsen AL7FS <AL7FS@ARRL.NET>
- 22) [97217] QRPTTF on A mountain
by Tim Pettibone <k5oi@zianet.com>
- 23) [97218] Re: Reflections II
by Bill Coleman <aa4lr@arrl.net>
- 24) [97219] Q: Herring-Aid 5 ??
by Stan Yarema <bg783@scn.org>
- 25) [97220] QRPttf de K0CO /M
by k0co <k0co@arrl.net>
- 26) [97221] Re: Q: Herring-Aid 5 ??
by Bruce Muscolino <w6toy@erols.com>
- 27) [97222] "open the pod bay door Hal?"
by "Steve/n0tu" <n0tu@webaccess.net>
- 28) [97223] QRP-TTF W7TA0
by Bruce Grubbs <n7ceeqrp@earthlink.net>
- 29) [97224] QRP contesting SW?
by N1EU <n1eu@yahoo.com>
- 30) [97225] Microphone for K2
by KENNETH ROBERT MCGUIRE <at902@tcnet.org>
- 31) [97226] List of QRPTTF Special Calls?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 32) [97227] 30-m QRPp Fun!
by "Conant, Paul" <paul.conant@lmco.com>
- 33) [97228] Re: Q: Herring-Aid 5 ??
by "Dan W. Dooley" <dandooley@pipeline.com>
- 34) [97229] MFJ-90xx Rig Impressions
by "Conant, Paul" <paul.conant@lmco.com>
- 35) [97230] List of QRPTTF Calls--Got it :-)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 36) [97231] Re: Loops
by "bam yb0ko/1 SOETRISNO" <unclebam@indosat.net.id>
- 37) [97232] Re: Q: Herring-Aid 5 ??
by Bruce Muscolino <w6toy@erols.com>
- 38) [97233] Re: QRP contesting SW
by N1EU <n1eu@yahoo.com>
- 39) [97234] Re: Microphone for K2
by Joe Reed <joe@n9jr.dyndns.org>
- 40) [97235] TTF band conditions
by KB7WW Art Moe <kb7ww@chatusa.com>
- 41) [97236] Re: MFJ-90xx Rig Impressions
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 42) [97237] Congrats Tom on a fine SS CW effort!
by "N7SG K7FD" <k7fd@hotmail.com>
- 43) [97238] Re: Microphone for K2

"The more I see of the representatives of the people,
the more I admire my dogs." letter from Count d'Orsay
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2
FP# 111, SOC#78, QRP-ARCI 5784, El Paso, (FAR WEST) TEXAS

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 27 Apr 2001 18:44:52 -0500
From: Bill Stietenroth <k5zty@juno.com>
To: qrp-1@lehigh.edu
Subject: [97197] QRPTTF Texas style
Message-ID: <20010427.184455.-3894841.2.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Howdy from Houston,

The Dit-Dit contest club (K50J) will be operating a multi-multi field day
type station
from Ayre island in the middle of lake Conroe north of Houston. This
island is rumored to be a silt deposit built up on the tail end of a
space ship that crash landed there in the
1800s and made the crater that formed the lake. I haven't been able to
confirm that rumor but it is a large legend among the local folk. (of
course, some of their family trees go straight up.)
This will also be a U.S. Islands on the air event for us, so we will be
sending an
extra QTH AYRE ISLE on the end of our exchange for the island hunters.
The ops on this expedition are: K10J, W5SB, K5ZTY, KK5LD, N5ET, WA50JE,
KQ5U, K5NZ, KB5ZX0, KD5BXZ and maybe W5MJ.
We will have three K2s and one K1 set up on 10, 15, 20, and 40 meters.
Look for us and give us a contact on all 4 bands.

72,
Bill, K5ZTY
for the group.

Date: Sat, 28 Apr 2001 00:12:44 +0100
From: Larry Cahoon <lejek@erols.com>
To: qrp-l@lehigh.edu, qrpp@yahoo.com
Subject: [97198] Made the news
Message-ID: <5.0.2.1.0.20010428000719.009feb50@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The following is from the ARRL Propagation Bullitin - I thought you would all like to hear the good press. The QSO was on 20 meters and he gave me a nice 229. Bob, N4CD, is a county hunter friend. So he know the call. He also has me in the log for over 200 counties QRPP.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

N4CD took a trip to Costa Rica from April 4-17, and reported that he had great HF propagation, even as higher latitudes were disrupted. He worked about 9,300 stations on his trip. Probably the worst days during that period were April 8 and 11-13, when geomagnetic storms raged. But N4CD worked many stations on 10 meters who said that his was the only signal they heard. These were probably stations working him on a north-south path. This isn't because north-south propagation is enhanced during geomagnetic storms, but because when propagation is disrupted these are often the only paths that work for high frequencies. He said his best DX for QRP was working WD3P, who was only running 500 milliwatts into a dipole.

Date: Fri, 27 Apr 2001 19:29:12 -0500
From: "Jim" <sunwatt@starband.net>
To: <qrpp@yahoogroups.com>, "QRP-L" <qrp-L@Lehigh.edu>
Subject: [97199] QRPTTF on an Arkansas island
Message-ID: <002e01c0cf7a\$45a9f5a0\$9a354794@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This family has big plans for Saturday, but I'm gettin in at least 3 hrs in the contest.

My location will be Slate Gap island, Arkansas - and if you are familiar with the US Islands Awards program, its AR-007L.

NQ5RP is now officially signed up with eQSL so if you work me, please use eQSL.

I will be using the Arkansas QRP Club callsign NQ5RP, operating with 2w on 15/20M with my Black Widow 20ft pole, wire vertical with two raised radials.

Powering all this will be my usual C cell nicad battery pack. I hope to get started by 1PM central, and go until 4PM.

Back in the summer of 1999 I started my expeditions to this uninhabited island, and operated with this same setup. Read about the milliwatt contacts I had by following this website to KJ5TF land, and to item 5 Slate gap island.

<http://sunwatt.homestead.com/Main.html>

The water is still too cold to swim, but my family is coming along for the day trip. The XYL, my daughter, and my 2 year old grandson too. The ladies in my life assured me of 3 solid hours on the air, so I'm happy.

The family will be beach combing, wading, & watching the Canadian Geese attend their nests. We also have a inflatable kayak, and that's how I get off the boat and onto the beach in the dry!

The ladies will be enjoying the day paddling that kayak, and maybe a little rock, fossil, and flint artifact hunting too.

Plenty for everyone Saturday! Temps in the 80's, and sunny skies!

Bring it on!

72's de Jim KJ5TF
Trustee de NQ5RP

Date: Fri, 27 Apr 2001 19:48:16 -0500
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [97200] Re: Wilderness KC2 and Sierra front panel - SOLD
Message-ID: <3AEA1350.28CCB283@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Wilderness KC2 and front panel are sold.

Thanks for the response.

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Fri, 27 Apr 2001 18:22:07 -0600
From: "T.W." <wb5qyt@abq.com>
To: <qrp-l@lehigh.edu>
Subject: [97201] QRPTTF @ WB5QYT
Message-ID: <MABBIKAEJKMHLIDDGMCKKEPGCHAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Life is good! I just found out I don't have to work till tomorrow night so I can start the day off by attending a local hamfest for a few hours, and then off to the field somewhere for the QRPTTF!

Hope to work a bunch of you tomorrow...

Will be using my NC-20 for 20, the CUB 15 for 15, and my AEA DX Handy for 10....

Antennas ranging from a SD-20 pole vertical, and if windy....the Delta kite with a 88' wire....

72, Tom WB5QYT....."Have spud will travel!"

PS: Am leaving the PAL(pneumatic antenna launcher) at home this
e....:(
see <http://www.corin.com/bill/paintball/aircannon>

Date: Fri, 27 Apr 2001 20:19:49 -0500
From: "Steve Yates, AA5TB" <aa5tb@arrl.net>
To: QRP-L Distribute <qrp-l@Lehigh.EDU>
Subject: [97202] Re: Made the news

Message-ID: <000501c0cf81\$5302d800\$e1773ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Congratulations Larry!

It's good to get QRP into the spotlight.

73,
Steve Yates - AA5TB
Fort Worth, Texas
EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb/>

Date: Sat, 28 Apr 2001 01:18:07 +0100
From: Larry Cahoon <lejek@erols.com>
To: qrp-l@lehigh.edu
Subject: [97203] QRPTTF
Message-ID: <5.0.2.1.0.20010428011230.009e18f0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

If all goes well in the morning - meaning the xyl doesn't plan a trip somewhere - I am going in search of a place to operate from down near that big monolith sitting on the west end of the mall in DC.

73 de Larry.....WD3P in MD

Date: Fri, 27 Apr 2001 20:41:58 -0500
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-l@lehigh.edu
Subject: [97204] Motorola MWA110
Message-ID: <JIALGANKNNHIPAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

All,

Does anyone out there have a data sheet (or a web link to the same) for a Motorola MWA110 wide band RF amp?

Dan's sells these out of production parts as surplus and I'd like to compare them with other similar parts. Haven't found any data sheets for it on the web yet.

If you could send me a link great, if not I'd be happy to provide some \$ for a hard copy.

Thanks in advance,
Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

"All men are like grass, and all their glory is
like the flowers of the field; the grass
withers and the flowers fall, but the word of
the Lord stands forever." (I Peter 1:24-25)

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<http://www.eudoramail.com>

Date: Fri, 27 Apr 2001 20:43:10 -0500
From: "Craig Johnson" <cbjohns@mn.mediaone.net>
To: <qrp-1@Lehigh.EDU>
Subject: [97205] More Reflections II
Message-ID: <005e01c0cf84\$95493710\$6501a8c0@CBJP2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not to belabor the point, but I also have Walt Maxwell's original Reflections, and it is one of my most treasured books. I happened to find one in 1996 that was "lost" on a bookshelf in a little book store in Detroit.

When I was touring ARRL headquarters a couple of years ago, I had an interesting talk with my tour guide, one of their senior editors, about the book. I asked him why it was no longer being

published and he said there were some errors in it. Apparently some of the math did not stand up to the most rigorous standards. I think this was probably the "short" version of the argument (war!) that was just described in this forum.

I think this is really too bad. I don't care if only 99% of it is correct. Walt Maxwell's book really helped me understand a lot of antenna theory. Then I read the extended arguments in QEX and my eyes glaze over.

I do appreciate the fact that the ARRL has made it available in electronic form, free of charge. However, this still is not nearly as good as the "real thing" because some of the Smith chart drawings in the book are crucial to understanding what he is trying to show. They took a lot of study, but were a wonderful tool for understanding how reflections work, etc.

I will also be ordering the new version as soon as it is available. With pleasure! Maybe I can get it autographed some day.

73,
Craig, AA0ZZ

Date: Fri, 27 Apr 2001 20:50:04 -0500
From: "George, W5YR" <w5yr@att.net>
To: cbjohns@mn.mediaone.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [97206] Re: More Reflections II
Message-ID: <3AEA21CC.C01B3B3F@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just a comment:

The Reflections articles available from the ARRL website are reprints of the original series published in QST in the 70's, not of the actual book. The book "Reflections" contains added chapters, etc.

The original printing did contain some numerical errors (typos), but no actual math errors that I can recall. The copy I purchased shortly after it came out came with an Errata sheet to correct the typos.

I agree with Craig about the impact of Reflections. I can think of no other publication(s) that has done as much to convey an accurate, workable knowledge of transmission line operation to the typical ham.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Craig Johnson wrote:

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> They took a lot of study, but were a wonderful tool for understanding
> how reflections work, etc.
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> With pleasure! Maybe I can get it autographed some day.
>
> 73,
> Craig, AA0ZZ

Date: Fri, 27 Apr 2001 18:20:25 -0800
From: Jim Larsen AL7FS <AL7FS@ARRL.NET>

To: nf9k@eudoramail.com, "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [97207] Re: Motorola MWA110
Message-ID: <3AEA28E9.718EF19C@ARRL.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

from www.google.com

<http://members.tripod.com/Malzev/comp/mwa110.htm>

<http://www.radiomods.co.nz/integratedcircuits/mwa110.html>

It's a start. There were 3 more pages but I have to go out to dinner.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

"Joel Kluender, NF9K" wrote:

>
> All,
>
> Does anyone out there have a data sheet (or a web link to the same) for a
Motorola MWA110 wide band RF amp?
>

Date: Fri, 27 Apr 2001 22:32:22 -0400
From: "NZ8J" <timcook@erinet.com>
To: <qrp-l@Lehigh.EDU>
Subject: [97208] Triton IV Analog For Sale
Message-ID: <010101c0cf8b\$753b53c0\$6122fea9@nec>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nice condition Triton IV analog Transceiver with manual

looks good and works excellent, full power on all bands, has the optional
audio CW filter. The PT0 is smooth and the dial cord is good. Some small
marks on the top, front panel is excellent with no marks and lettering is
clear and crisp not worn. All original knobs, All lights work. It has a

power cord wired
directly to the rear power connector with an 18 amp airpax breaker wired in
the power cord. I have the matching connector if you wanted to make the
cord removable. The power on-off /AF pot has been replaced with a AF pot
only. I will throw in a D-104 amplified microphone that will need to be
wired for the radio (takes a 1/4 inch stereo plug) Very nice radio that has
qsk like it should be.

\$255 shipped and insured in the lower 48.

thanks

Tim

NZ8J

Date: Fri, 27 Apr 2001 22:48:19 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: qrp-1@lehigh.edu
Subject: [97209] [Dayton] Dayton Rooms
Message-ID: <5.0.2.1.2.20010427193053.01885060@mail.tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At this time there are 2 rooms available. However, if the last 20
people on the list don't confirm their rooms, we will have about 22
rooms available May 1 for three days before they have to be turned back
to the Ramada Inn. <http://www.qsl.net/k8dd/rooms/dids.htm> updated May
27 2352Z.

Rooms, two day minimum, are \$74 + tax per night.

May 17, 18, 19, 29 - Four days of QRP, flea market, QRP, exhibitors,
QRP, banquet, QRP, vendors, QRP.

Acres and acres of anything and everything you can imagine. As the
realtors say when describing a house, "it has to be seen!".

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS <http://www.qsl.net/k8dd>
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/

Date: Fri, 27 Apr 2001 22:03:20 -0500 (CDT)

From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-1@lehigh.edu
Subject: [97210] Help: MFJ-202B RX Bridge Formula
Message-ID: <Pine.SOL.4.03.10104272200350.24730-100000@sunburst.usd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi all:

I picked up an MFJ-202B RX bridge which is calibrated in 0-150pf Xc and 0-150 XL. If anyone has a manual and can send me the formula for calculating the reactances from the dial markings, I'd sure appreciate it! Pse e-mail me privately.

Hey, it only cost me \$10 at a fleamarket and it has the R range-expandr that is really useful in some situations!

72, Ade

Date: Fri, 27 Apr 2001 23:03:54 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <K5BDZ@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [97211] Re: Ribbon Radials and reality
Message-ID: <200104280258.WAA05061@mail0.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 3/28/01 10:12 PM, K5BDZ@aol.com at K5BDZ@aol.com wrote:

>
>When you build yours let us know IF it works. We won't ask you "how" it
>works, just IF it works.

I think the problem here is that EVERYTHING works. (Gosh, wasn't there a QST article called Everything Works, and the guy was using 150 watt light bulbs (fed with a choke balun) to make QSOs? They worked!)

Some systems will work better than others, but everything works to some degree or other. Even light bulbs.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"

-- Wilbur Wright, 1901

Date: Fri, 27 Apr 2001 21:04:20 -0700
From: "Gary O. Lyons" <drgary@urx.com>
To: <qrp-1@Lehigh.EDU>
Subject: [97212] QRPTTF, the SLX antenna, and Call Signs
Message-ID: <000101c0cf98\$4e776500\$64d56bce@G_Lyons>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="utf-8"
Content-Transfer-Encoding: 7bit

Greetings Gang!

After being on travel most of the week I have tons of backyard obligations to fulfill. However, I will be able to operate in small chunks of time from the slopes of "Jump Off Joe" in the Horse Heaven Hills below the commercial microwave towers.

The antenna will be one of Dave Gauding's SLX antennas in an inverted L configuration with St. Louis Radials. A similar SLX has been under the eaves of the house for the last four months and has worked very well with only two radials run along the base of the house. This morning I picked up F00MCA on 7.007 for country #26 on 40m and #61 overall (casual DXing and contesting) since I put up the SLX. It's been very effective as a "stealth" antenna. This summer I'm going to work on a stealth phased array using the SLX that can be set up and taken down as necessary.

If you hear NQ7T during QRPTTF that will be me.

72 all,
Gary (ex K7KY)
Kennewick, WA

Date: Fri, 27 Apr 2001 23:14:14 -0500
From: "Michael Melland" <w9wis@charter.net>
To: <qrp-1@lehigh.edu>
Subject: [97213] Anyone have these parts to spare ? (K9AY project)
Message-ID: <000d01c0cf99\$aafc14a00\$a15d53d1@computer>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have gone through my parts trove and have located most of the parts I need for the K9AY qrp transceiver I want to build. However, I haven't been able to locate the following:

MC3440P , 5 ea 8.000 MHz microprocessor crystals, LM6321

Anyone have any of these laying around they'd sell.... or know a source. Many of the other parts were a bit hard to find as they are now obsolete.... so I think these may be as well.

Also.... I have several new SK3197 output transistors. These cross on the ECG site to the needed output transistor for the transmitter ... MRF475 but NTE crosses it to the NTE235 which is lower power. Any thoughts ? Or an older data book with the info on my SK3197's ?

Thanks,

Mike

--

Michael Melland, W9WIS
Winneconne, Wisconsin USA EN54pc
qrp-l #1656 - qrp-parci # 9875 - iparc #252
<http://www.qsl.net/w9wis>

Date: Fri, 27 Apr 2001 22:10:13 -0600
From: "AB0CD" <ab0cd@uswest.net>
To: "QRP-L" <qrp-l@Lehigh.edu>, "cqclist" <CQCLIST@EGROUPS.COM>
Subject: [97214] W0CQC es QRP TTF
Message-ID: <009401c0cf99\$1fa7a400\$ba85a0d8@dnvr.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

W0CQC will be operating as a multi-op field station (ID=2) from a strange location, but not quite a monolith. Rich W0HEP and Rich (aka Dick) AB0CD will be below decks on Dick's Venture 224 sailboat. Now, we won't be on the water, since the boat hasn't been launched for the season. No, we'll be up in drydock, with one end of a G5RV hoisted up the mast a good 32 feet above the ground. The antenna will be in a sloper configuration, with the other end tied off

to a fiberglass pole on a bank overlooking Aurora Reservoir. We'll have the OHR 500, so we'll be on 15-20-40 meters. Our exchange: 5X9 C0 2 RICH. CU on the air.

72 Dick AB0CD..

Date: Fri, 27 Apr 2001 22:33:14 -0600
From: "Jerry McCollom" <w0mc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, <ncarc@qth.net>
Subject: [97215] W0MC Shack Clearance Sale!
Message-ID: <OE25EsLHEkWIAt0SVVq000055c2@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Time to simplify the shack (ala Rod N0RC :-)

I have the following items for sale. Prices and pictures are at
<http://www.frii.com/~mccollom/sale>.

QRP Gear

- * Red Hot Radio NC-20
- * OHR WM-2 QRP Watt Meter
- * Wilderness Norcal 40 + KC1 + 10-turn pot + High Power mod
- * Wilderness Sierra 40/30/20 + KC2 + NB+ High Power Mod
- * PSK-20 + Enclosure
- * LDG Z11 QRP Auto Tuner

Other Ham Gear

- * Icom IC-746 and Accessories
- * Limited Edition LTA Millenium Key
- * JPS ANC-4
- * JPS NIR-10

Computer Stuff

- * Kenwood 72X CD Drive
- * PC133 Computer Memory

Miscellaneous Stuff

- * Song Of The South PAL Version

I've tried to price things comparable to what I see things sell for here and/or on E*y and have included shipping (but if you pick up, I'll knock off what I figured for shipping). What doesn't sell here will go over to

that 4-letter auction site, so hurry!

73,

Jerry McCollom, W0MC

```
*****
                SuperFest 2001 14-Jul-2001
            http://www.qsl.net/n0rc/hamfest/hamfest.html
                BE THERE!
*****
```

Date: Fri, 27 Apr 2001 20:42:55 -0800
From: Jim Larsen AL7FS <AL7FS@ARRL.NET>
To: w9wis@charter.net, "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [97216] Info on SK3197
Message-ID: <3AEA4A4F.F177B7B0@ARRL.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Another list member turned me on to using Google search for parts.

>From <http://www.google.com/>
<http://www.mindspring.com/~turf/alt/elec/technote.txt>

Here are the specs on it, on the bag for what it is worth

>
> SK Series
> SK3197 235
> (in a box off to the side is the number 235, that is the ECG
> replacement part number, its used for cross referencing the part)
> NPN Si Transistor
> CB RF Output Stages
> Pt 20 W (Watts)
> Ic 6 A (Amps)
> Vcbo 70 V
> Vcer 70 V
> Vebo 4 V
> hFE 100
> fT 100 min

Michael Melland wrote: Or an
> older data book with the info on my SK3197's ?

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Fri, 27 Apr 2001 22:44:24 -0600
From: Tim Pettibone <k5oi@zianet.com>
To: qrp-l@lehigh.edu, k5di@zianet.com
Subject: [97217] QRPTTF on A mountain
Message-ID: <5.0.2.1.0.20010427222845.009e6b30@zianet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang:

Well, after we met for a planning session a few corrections are in order. First, while Ron, KU7Y was actually seen in this area a few weeks back he isn't going to "A" mountain. Instead, Randy, K7TQ from Idaho, will be joining Karl, K5DI and myself Tim, K5OI. Randy is originally from Las Cruces and he brought his "other" multi-band rig the Sierra. I'll be operating my K2 and Karl will be dragging his TT 509 up the mountain. Antennas are still in planning stages but we think we'll have a PW-1, a 20m folded dipole, several Hamsticks and maybe an EDZ.

The operating position will be on top of "A" Mountain, also formally known as Tortugas Mountain. This is a sacred place of the Tortugas Indians from nearby Tortugas NM. It is also the site of several astronomical observatories and radio towers. We even hear that there may be a monolith up there with an amazing resemblance to the "Space Odyssey" monolith of movie fame. I don't remember the elevation but it sits substantially above Las Cruces and is just to the east of town. The view from up there is spectacular with panoramas that we hope to share via digital cameras and internet postings.

I think we will be operating with the K5DI callsign and as a multi-operator monolith operation (location id of 4). So look for K5DI with Karl, Tim and Randy as operators. We'll be taking some breaks to spread out from 9am to 6pm MDT so as not to exceed 6 hours of operation. Let's have some fun!

Tim K5OI

p.s. I don't know where Karl came up with KU7Y but we do wish Ron could operate with us.

p.p.s. A university administrator once told me that as soon as the football

team learned to read the A on "A" mountain, they were going to change it to "B". The "A" by the way, stands for the Aggies, the team name for NMSU sports teams.

Date: Fri, 27 Apr 2001 22:46:39 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <phil@vaxxine.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [97218] Re: Reflections II
Message-ID: <200104280246.WAA16700@mail3.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 4/26/01 10:24 PM, Phil (VA3UX) at phil@vaxxine.com wrote:

>
>I have no idea which one of these guys is right (I'd have to know more than
>both of them put together to be able to know), and the argument between the
>two camps was still going on in Communications Quarterly back in 1999.
>Maxwell, Tom Rauch (Ameritron amp designer) and Jack Belrose (Canadian
>antenna scientist/ham) on one side versus Warren Bruene on the other. If
>you read the work done by either party on its own, you can be easily be
>convinced that you've read the final word on the subject. They have data,
>they have test equipment, they have math, they have a logical experiment
>and report scientifically.

It helps to know that Maxwell's interpretations have actually be bourne
out in experimental measurements.

Experiment trumps theory.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Fri, 27 Apr 2001 22:46:06 -0700 (PDT)
From: Stan Yarema <bg783@scn.org>
To: qrp-l@lehigh.edu
Subject: [97219] Q: Herring-Aid 5 ??

Message-ID: <Pine.SUN.3.96.1010427222627.1844A-100000@scn>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

People have been talking about the CB-slider lately. I didn't have a clue what that was until I found the original article today while looking for something else. So, CB doesn't have anything to do with the Children's band after all. It's chopped beef instead.

In case your one of those wondering what a CB slider is, it's a VFO for the tuna-tin 2.

The article mentions the Herring-Aid 5 which sounds like a receiver. No reference was given. Anyone know more ??

72..... Stan, K7SY

Date: Fri, 27 Apr 2001 23:52:36 -0600
From: k0co <k0co@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [97220] QRPttf de K0CO /M
Message-ID: <3AEA5AA4.1E3D2C00@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Will be /M mobile and heading into our Colorado mountains tomorrow on a mission, so will be non-mono until getting into the "hills" and then SOP mono thereafter....will run 5W from the GMC pick-up truck/counterpoise machine with Hustler coils to suit bands - probably 20M most times.....

Logging by GreasePencilVer 1.0 on the driver's side window, unless it gets real hot in the hills tomorrow, and then we'll have to come up with alternate PlanB.....

K0co /M /jack
(Denver, CO to Como, CO and return on beautiful 10,000 ft.+ Route 285.....)

Date: Sat, 28 Apr 2001 03:27:07 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: bg783@scn.org
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [97221] Re: Q: Herring-Aid 5 ??
Message-ID: <3AEA70CB.CC3EEE4C@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Stan,

The Herring Aid 5 was a simple direct conversion receiver built in the period immediately following the Tina Tin 2. Its performance left many things to be desired even then, but it worked and developed some small following. I believe the design was updated slightly for components and included as part of Norcal's back to the future project. Check the articles there.

73t.

Date: Sat, 28 Apr 2001 05:11:25 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [97222] "open the pod bay door Hal?"
Message-ID: <001d01c0cfd3\$f7759060\$6a211d82@sg2939h.col.hp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Gang,

See on the bands! K2 in tow and w/lots a antennas here. I'll set up on top of 01' Mt Herman not too close to Dave -Ab0go. Wxman say 70s w/sunshine WOW! now if the cndx behave we're set.

Built a little in-line SWR checker and a L/C pill bottle tuner to play with some long wire or 1/2 wave set ups. Also have the old DK9SQ mast w/Norcal duoblet to hoist up ...this will be the prime antenna. So CU on 40-10m!! will have some pix tonite.

"Hal, Pleeaaase open that pod bay door NOW!"

Steve/n0tu - Monument, CO

Date: Sat, 28 Apr 2001 05:29:41 -0700
From: Bruce Grubbs <n7ceeqrp@earthlink.net>
To: QRP-L <grp-l@Lehigh.EDU>
Subject: [97223] QRP-TTF W7TAO
Message-ID: <5.0.2.1.0.20010428052827.00aad778@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The W7TAO lunar geology expedition is just about to depart. We expect to be on the air by 0900. Good luck and much fun to all!

73,
Bruce
N7CEE

(Operating QRP-TTF as W7TAO, with K7DHF,
from the San Francisco Mountain Volcanic Field,
site of the Apollo astronaut lunar geology training)

Date: Sat, 28 Apr 2001 05:50:24 -0700 (PDT)
From: N1EU <n1eu@yahoo.com>
To: grp-l@lehigh.edu
Subject: [97224] QRP contesting SW?
Message-ID: <20010428125024.27289.qmail@web210.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I seem to have misplaced the link to a software package (beta) that supported logging for a number of QRP events. Perhaps someone could post the URL?

Tnx much,
Barry N1EU

Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
<http://auctions.yahoo.com/>

Date: Sat, 28 Apr 2001 08:52:31 -0400 (EDT)
From: KENNETH ROBERT MCGUIRE <at902@tcnet.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [97225] Microphone for K2
Message-ID: <Pine.LNX.4.21.0104280849550.3996-100000@hendryx.tcnet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just got a K2 (#2030) and have just started building. Eventually I will get around to the SSB module, but I do not have any 8 pin microphones to use with it. Any recommendations?

Ken McGuire
KC8LTL in EN74cp
at902@tcnet.org

Date: Sat, 28 Apr 2001 09:06:59 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [97226] List of QRPTTF Special Calls?
Message-ID: <200104280907_MC2-CE32-5FFC@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

Probably missed it here, but has someone published a complete listing of the special call stations for QRPTTF? There have been occasional *individual* postings, but I could use a complete listing. Help, anyone? =

Best of luck out there today.

72,
--Doc/K0EVZ

Date: Sat, 28 Apr 2001 07:28:09 -0600

From: "Conant, Paul" <paul.conant@lmco.com>
To: "Qrp-L (Post To List) (E-mail)" <qrp-l@lehigh.edu>
Subject: [97227] 30-m QRPp Fun!
Message-ID: <675067CF647BD4118DEA00508BE32AB47EAAFD@emss02m09.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

During this past week I've had my shortest (35 miles) and longest (1512 miles) 600 mW QSO's, but I'm still waiting to get off the continent. I guess I'll have to go to a vertical to get the DX. Have fun with QRPTTF. I'll be at work. 8^()

Paul, WQ5X

Date: Sat, 28 Apr 2001 08:36:05 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [97228] Re: Q: Herring-Aid 5 ??
Message-ID: <005901c0cfe8\$2e586080\$562baec7@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It was featured in QST. Within a short time period(?) of the TT2. If I get the chance, I'll try to look up the issue. I do remember it along with the CB Slider. I kept them all (the articles) for future reference.

I think as Bruce makes clear, those designs were in the early days of DC design and there have been lot's of improvements since. Wonder if it's really worth while working with some of those older designs?

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
Web site: <http://www.qsl.net/wb9tka>
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----
From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, April 28, 2001 2:27 AM
Subject: Re: Q: Herring-Aid 5 ??

> Stan,
>
> The Herring Aid 5 was a simple direct conversion receiver built in the
period
> immediately following the Tina Tin 2. Its performance left many things to
be
> desired even then, but it worked and developed some small following. I
> believe the design was updated slightly for components and included as
part of
> Norcal's back to the future project. Check the articles there.
>
> 73t.
>

Date: Sat, 28 Apr 2001 07:47:22 -0600
From: "Conant, Paul" <paul.conant@lmco.com>
To: "Qrp-L (Post To List) (E-mail)" <qrp-l@lehigh.edu>
Subject: [97229] MFJ-90xx Rig Impressions
Message-ID: <675067CF647BD4118DEA00508BE32AB47EAAFE@emss02m09.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Since I've been working all this overtime lately, I thought I'd treat myself
to a K1, but I just don't foresee having the time to build one. I'd like a
rig that will give me 5W and full band coverage, so I ordered an MFJ-9030
30-meter QRP Transciever this week. I'd like to know what your experience
has been with the MFJ-90xx series of QRP rigs. 73.

Paul, WQ5X

Date: Sat, 28 Apr 2001 09:53:59 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [97230] List of QRPTTF Calls--Got it :-)
Message-ID: <200104280954_MC2-CE3D-1BA5@compuserve.com>
MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Many thanks for the terrific and quick response. Wow. The list is in the middle of the NORCAL scoring sheet. Again, best of luck to one and all. = I plan to be on the air the entire 6 hours, at one stretch.

Setup will be the K2 to the usual Inverted WYE. Will major on 20 metres, but try 15 occasionally as well. =

72,
--Doc/K0EVZ

Date: Sat, 28 Apr 2001 16:52:29 +0700
From: "bam yb0ko/1 SOETRISNO" <unclebam@indosat.net.id>
To: <rmccarty@earthlink.net>
Cc: "qrp-1" <qrp-1@lehigh.edu>, "yb1ba" <yb1ba@usa.net>
Subject: [97231] Re: Loops
Message-ID: <000601c0cfeb\$9fb55820\$b3429bca@kodokijo>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

kd6cc de yb0ko/1

if u hv room, try paul carr's n4pc antenna --- you can find detail in page 64 of "lew mc coy on antennas" book by lew mc coy w1icp. it will take some 400 sqm lot and uses a lot of open wire (for phasing line and feeder line to a.t.u./tx).

if space is problem then try george badger w6tc's compact loop and raise it sky-wire style (in horizontal plane position), u'll need some 20x10 sqm lot (+/- half of that required by n4pc or the sky wire u'd find in arrl handbook '95) - - - you can find detail in the old edition of ham radio magazine (oct. 79) or bill orr, w6sai's antenna handbook.

at the moment i'm using the n4pc, and my colleague sur, yb1ba is experimenting with w6tc - - - both of us using bamboo poles at the four corners (some 10 - 11 mtr = 33' high or some 1/8wl on 80 m).

so far we are satisfied with those designs : on 80 and 40 m both work as
lo-angle radiator and tend to be omni directional (w6tc in fact is a
duo-bander : 80-40 or 40-20 as u like it !).

if u are interested, pse advise if you can't find those
references/literatures then i'd post exerpt of those articles (with drawings
etc) either direct or thru the list (will it accept drawings or
attachment?), or may be (if propagation allows) i cud arrange a sked for u
and yb1ba on 80 or 40m psk in one of those week-end days

72/3 es cu, de bam yb0ko/1

----- Original Message -----

From: Roger A. McCarty <rmccarty@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, April 28, 2001 5:10 AM
Subject: Loops

> (snip)
> I am toying with the idea of erecting a 40 meter horizontal
> loop. My interests are NVIS propagation for qrp operations either on CW or
> PSK. . . . 1) what height would one
> recommend, and 2) what are good non-reflective supports for the corners,
> preferably free standing or with minimal guying?

> Roger KD6CC

Date: Sat, 28 Apr 2001 10:00:01 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: dandoooley@pipeline.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [97232] Re: Q: Herring-Aid 5 ??
Message-ID: <3AEACCE1.D57F4372@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dan,

You bring up a good point, is it really worth it to experiment with older
designs. In a word, yes. However one should realize that there have been
improvements in components that have superseded those in use at the time. Take
for instance the phasing method of sideband suppression.

The largest negative to the direct conversion design is the inability to suppress the unwanted sideband. This results in hearing the beat note from the receiver on both sides of zero beat. This makes an otherwise crowded ham band sound like a convention. Note that this ability to hear the beat note on both sides of zero beat is not a property peculiar to direct conversion receivers, it is also true of superhets without any IF filtering.

But recently, in the last 5 or 6 years, improvements have been made in components so that direct conversion receivers of the KK7B design are economical possible to build. New technology? No, just newer and better components. History shows that the phasing method of sideband suppression was in use well before the crystal filter method. Just read any ham journals from the early era of SSB!

This component improvement has made many things possible. The excellent DSP filtering found in many modern radios is one example.

And in many cases the improvement will make older designs poor performers. One would think that a better 2N2222A would yield an improvement in any design, but such is not the case. In the aerospace industry we kept a small group of parts people busy full time finding replacement parts for our "historical" designs. Perhaps it is better to build projects within a few years of publication, but some of the older designs are excellent teachers of theory and practice!

73

Date: Sat, 28 Apr 2001 07:07:48 -0700 (PDT)
From: N1EU <n1eu@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [97233] Re: QRP contesting SW
Message-ID: <20010428140748.88728.qmail@web218.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks very much for the quick responses! The URL is
<http://www.dancris.com/~bkassel/index.htm>

73,
Barry N1EU

Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
<http://auctions.yahoo.com/>

Date: Sat, 28 Apr 2001 08:09:08 -0500 (CDT)
From: Joe Reed <joe@n9jr.dyndns.org>
To: KENNETH ROBERT MCGUIRE <at902@tcnet.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [97234] Re: Microphone for K2
Message-ID: <Pine.LNX.4.21.0104280803550.2125-1000000@n9jr.dyndns.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 28 Apr 2001, KENNETH ROBERT MCGUIRE wrote:

> I just got a K2 (#2030) and have just started building. Eventually I will
> get around to the SSB module, but I do not have any 8 pin microphones to
> use with it. Any recommendations?

Congratulations, and enjoy the build. The KSB2 documentation describes how to interface any microphone to the K2. However, the path of least resistance suggests the Kenwood MC-43 or other kenwood microphone is the easiest because you can just jumper across P1. I had a bunch of Yaesu microphones but opted to buy the MC-43 because it was a cleaner install.

Regards,
Joe N9JR

Date: Sat, 28 Apr 2001 07:33:30 -0700
From: KB7WW Art Moe <kb7ww@chatusa.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [97235] TTF band conditions
Message-ID: <3AEAD4BA.4C1FD685@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hope I'm not the bearer af bad news but I was just on 6 meters and there is a small aurora going on. From looking at the OH2AQ DX Summit it is also going on in northern europe.

Maybe it will settle down and the bands will be good this afternoon.

Art

KB7WW

Date: Sat, 28 Apr 2001 14:43:05
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: paul.conant@lmco.com, qrp-1@Lehigh.EDU
Subject: [97236] Re: MFJ-90xx Rig Impressions
Message-ID: <F141LZCHusMjQHtMFau00005344@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I have a 9030, it was my first qrp radio. It is expensive compared to the kits, like those from wmall wonder labs for example. As a basic QRP radio its pretty solid but does have a quirk of getting a strong shortwave broadcast station into the IF at night. The optional audio filter does a decent job of taking most of the continuous heterodyne out. Enjoy, your milage may vary!

72/73 Mike WA8BXN

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Sat, 28 Apr 2001 07:52:25 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [97237] Congrats Tom on a fine SS CW effort!
Message-ID: <F117rwuVjtQUGUzLhG40000d409@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Nice to see NOSS in the divisional SS results, Tom! Way to go...
thanks for the tip about the results being out.

I was just happy to see my 'cabrillo' entry for K7LOW made it through the digital wonderland without becoming chopped liver along the way.

73 John K7FD, op at K7Low

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Date: Sat, 28 Apr 2001 07:59:17 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>
To: at902@tcnet.org, qrp-1@Lehigh.EDU
Subject: [97238] Re: Microphone for K2
Message-ID: <20010428145917.68106.qmail@web9603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I use a TenTec mic built from a kit that I have been happy with. So if you prefer homebuilt, this is an option. If you prefer homebrew, some of those have been published in QST.

curt wb8yyy
--- KENNETH ROBERT MCGUIRE <at902@tcnet.org> wrote:
> I just got a K2 (#2030) and have just started
> building. Eventually I will
> get around to the SSB module, but I do not have any
> 8 pin microphones to
> use with it. Any recommendations?
>
> Ken McGuire
> KC8LTL in EN74cp
> at902@tcnet.org
>

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Date: Sat, 28 Apr 2001 10:14:09 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: kb7ww@chatusa.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [97239] Re: TTF band conditions
Message-ID: <3AEADE41.3D3901AD@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

KB7WW Art Moe wrote:
>

> Hope I'm not the bearer af bad news but I was just on 6 meters and there
> is a small aurora going on. From looking at the OH2AQ DX Summit it is also
> going on in northern europe.
>
> Maybe it will settle down and the bands will be good this afternoon.
>
> Art
> KB7WW

The CME from Thursday was faster and hit harder then they expected.
Believe it hit around 0400z. Warnings are out for aurora.

73 de Dave, N0IT

Date: Sat, 28 Apr 2001 08:47:49 -0700 (PDT)
From: Stan Yarema <bg783@scn.org>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [97240] Re: Q: Herring-Aid 5 ??
Message-ID: <Pine.SUN.3.96.1010428084434.19045D-100000@scn>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks to all for the info on the Herring-Aid 5

Even if it's not a great receiver, I like the name. If we try to pick
containers that fit the function, I suppose a band-aid box is perfect for
a tuner.

72.....Stan, K7SY

Date: Sat, 28 Apr 2001 12:18:29 EDT
From: K8ff@aol.com
To: qrp-l@lehigh.edu
Subject: [97241] FS:K2 carrying case
Message-ID: <d4.5b60467.281c4755@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

FS: Pelican case with foam cutouts for K2, RS power supply and of course

K8FF/NORCAL paddle. Price includes case and foam only you supply K2 etc! I will ship by UPS upon receipt of a money order for \$100.00 The case is black and in excellent condition only used a few times.

73, Wayne K8FF

Date: Sat, 28 Apr 2001 10:37:43 -0800
From: Jim Larsen AL7FS <AL7FS@ARRL.NET>
To: kb7ww@chatusa.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [97242] Re: TTF band conditions
Message-ID: <3AEB0DF7.4145BBBC@ARRL.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, Art, I had zero signals on any band at 1700Z, 1 EME style sig at 1730Z, 1 strong EME sig at 1800Z, and I am beginning to hear a couple more at 1830Z on 20 meters only. I guess it is almost time to try the contest. With less than six hours left, I won't have to worry about going overtime. :-)

73, Jim, AL7FS

KB7WW Art Moe wrote:
> Hope I'm not the bearer af bad news but I was just on 6 meters and there
> is a small aurora going on.

Date: Sat, 28 Apr 2001 13:47:48 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: "Bruce Muscolino" <w6toy@erols.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [97243] Re: Q: Herring-Aid 5 ??
Message-ID: <012701c0d013\$ba75eb20\$562baec7@dandooley>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oh, don't get me wrong, I'm very much a fan of old design radios. Regens and early superhets and crystal radios and "boat anchors" hold a lot of fascination for me. The idea of building a pretty decent working receiver from components of the 50s - 60s era is on my list of projects. Just have to come up with the spare time to do it.

Why? Simply because they're neat radios and were part of an era when there was - I think - more romance in the technology and even in the hobby.

If we're - and here is the point I did not make before - interested in building something like a DC receiver and we want to use a particular design and component selection because it's a tribute to earlier pioneering efforts, akin perhaps to building and using on the air, a 30s era regen, then, knowing what we are doing and WHY is one thing. We're probably doing it for historical or nostalgic reasons more than pure performance. If on the other hand, the intent is to build the best performing piece of equipment (and here I'm focusing more on receivers as any one watt transmitter - all things being equal - is going to perform pretty much as any one watt transmitter has done throughout radio history), then we must realize that there were some significant shortcomings with earlier DC receivers and that receiver design has come a long way. Is that sentence long enough? <g>

If I were to set out to build a really portable and hopefully well performing receiver today, and I had intent of matching it to a small transmitter, I would probably look to the later designs. At least those offering a good performance/complexity ratio. Could be though, that using an older schematic but substituting current components, if possible would work as well.

None of this is meant to say that only the new radios are good. Just we have to judge what we want the project to do and in the area of simple receivers, will we end up with a compromise or a real hot receiver?

Sorry, I should have stressed the point that I was referring to DC and other simple receivers only.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku

e-mail to: dandooley@pipeline.com

Web site: <http://www.qsl.net/wb9tka>

SOC #198, FPQRP # -104

May Goddes love blest ye alle

"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: "Bruce Muscolino" <w6toy@erols.com>

To: <dandooley@pipeline.com>

Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, April 28, 2001 9:00 AM

Subject: Re: Q: Herring-Aid 5 ??

> Dan,
>
> You bring up a good point, is it really worth it to experiment with older
> designs. In a word, yes. However one should realize that there have been
> improvements in components that have superseded those in use at the time.
Take
> for instance the phasing method of sideband suppression.
>
> But recently, in the last 5 or 6 years, improvements have been made in
> components so that direct conversion receivers of the KK7B design are
economical
> possible to build. New technology? No, just newer and better components.
> History shows that the phasing method of sideband suppression was in use
well
> before the crystal filter method. Just read any ham journals from the
early era
> of SSB!
>
> And in many cases the improvement will make older designs poor performers.
One
> would think that a better 2N2222A would yield an improvement in any
design, but
> such is not the case. In the aerospace industry we kept a small group of
parts
> people busy full time finding replacement parts for our "historical"
designs.
> Perhaps it is better to build projects within a few years of publication,
but
> some of the older designs are excellent teachers of theory and practice!
>
> 73
>

Date: Sat, 28 Apr 2001 11:06:33 -0800
From: Jim Larsen AL7FS <AL7FS@ARRL.NET>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [97244] Not skunked today!! de AL7FS
Message-ID: <3AEB14B9.69C709D7@ARRL.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to N7KE (339) ID=4 and KD7MRO (229) ID=5, I am not skunked in the
contest today. I made it all the way to Washington state on 20

meters!! And they were both out in the field.

There are no other signals that I can hear at all so it is time to work in the garage for 30 minutes and then check again. The QSB was so bad that I had to try to work KD7MRO twice as he faded completely out just as he started his exchange to me. Fortunately it was a relatively fast fade cycle and I worked him 3-4 cycles later.

Maybe it will improve over time.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Sat, 28 Apr 2001 22:30:46 +0100
From: "Ted Williams" <ted@g0u1l.fsnet.co.uk>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [97245] Re: CW and guitars
Message-ID: <035d01c0d02c\$dd7eff80\$45c3883e@tedspc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I still think the loveliest sound a guitar makes is.....

SPLASH

Ted,g0u1l

Date: Sat, 28 Apr 2001 17:50:50 -0400
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "W1MOO List" <w1moo@egroups.com>, "NVQS-S" <NVQS@smartgroups.com>, <elecraft@qth.com>
Subject: [97246] QRP TTF -- bbbbbbbbbbbbbbbbbbb
Message-ID: <LPBBJAGIPFHKPJENAKLOEENHEHAA.n1bq@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, I give up conditions were so so here in the North East, 10 was dead, 15 was sparse, 20 was quite busy but heavy QSB, then it got noisy, and 40 was ho hum with loud noise crashes. I worked MD and ME on 40, and TX, FL, NY, and VT (of all places, my companion in crime, Fran, KM1Z, on ground wave I guess!) on 20 ... that's it ...

I had a great spot, Mt. Mansfield "looming" 3000 feet above me in the background ... the sun shining ... hardly any clouds ... and ... and ... say ... uhhhh ... did I mention the bloody wind???? I spent the last three hours with a sweat sock on my left hand to write and my right hand in my shirt and jacket Napoleon style except when I was working the Bencher paddles (thank you Wayne and Eric for the nice memory keyer in the K-1, it gave me more shirt time for my frozen right hand!) I finally reached a point where I couldn't hear the CW for all the shivering I was doing. The last straw came as I was rocking a little to generate some warmth and I my chair fell completely over ... Spenser the wonder mutt had dug a hole by the left rear leg and when I rocked it collapsed the precious little terra firma left under the leg ... and over I went, rather without dignity at all ... sigh!!! I placed an official interpretation as the divine "word" being passed that this QRPTTF was over for me. So here I set with a cup of hot broth trying to stop shivering and trying not to stutter when I type

YES ... I DID HAVE FUN ... the dog thought I looked so stupid on the ground that he came over a tried to lick me to cheer me up! Just what I needed. Next year for QRP To The Field, I am bringing bon-fire materials or something! Oh well look for a few pix on the NVQS website under "Events" later tonight if anyone is interested. My wife, the lovely Sara, W1SLR, came up and took a few pix, declaring me nuts for even being there in that wind ... but then again this pronouncement has been made on more the a few occasions!

72/73 de brian, n1bq

--

N1BQ-3 @ 44 31.73N 072 51.55W

WideN-N digi and weather station in Underhill Center, VT

<mailto:n1bq@wulfden.org>

NoVT QRP Society <<http://www.wulfden.org/NVQS/>>

AMSAT LM-1418 NJQRP #274 ARS #915

QRP-L #2276 Zombie #768 NVQS #002

Date: Sat, 28 Apr 2001 17:41:10 -0400
From: "Mark Fancher" <mmfancher@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <njqrp@njqrp.org>
Subject: [97247] Poquet PC Plus
Message-ID: <005d01c0d02b\$f3479620\$122e56d1@GEARemote>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I received my computer from Jim Stone (103346.2420@compuserve.com) today. Apparently, he just purchased a pallet of brand new product. Mine appeared to be brand new with packing and all. It worked. At \$75, I thought it was a pretty good deal, indeed! I can see why the NJ QRPers are so excited about the portable logging capabilities of this. I guess it appeals to me also because its so "retro". Takes me back to my pre-window days at school!

Now, my question is what do I do with it? Any suggestions for logging software (free is better!)?

Thanks!
Mark Fancher, W09G
mmfancher@earthlink.net

Date: Sat, 28 Apr 2001 18:04:05 -0400
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@Lehigh.EDU>
Subject: [97248] Re: OT: Credit Card Fraud Warning!
Message-ID: <B7104638.50F8%raysills@1stConnect.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang:

It's always good to be alert to the possibility of credit card fraud. One answer for folks who want to order QRP gear (there... now it's on topic) is to take advantage of a feature offered by Discover Card. It's the "one-time-use" credit card number. If you have a Discover account, you can access info about the account over the web (via the usual secure servers) and if you need to order something, you can get Discover to give you a one-time use account number. The merchandise gets billed to your regular account, but the account numbers given to the vendor will work only once.

Obviously, the people most vulnerable to web identity theft are those who have a full-time connection to the web. But there are safety applications available to monitor activity in and out of your computer, and log suspicious activity for further investigation.

Luckily, I've never had a problem, but that doesn't mean I never will.
(Touch wood).

73 de Ray
K2ULR
FN20t1

> From: "Arthur G. Silvers" <ags@ieee.org>
> Reply-To: ags@ieee.org
> Date: Fri, 27 Apr 2001 09:17:31 -0700
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: OT: Credit Card Fraud Warning!
>
> Gang,
>
> If you are like me, you order parts, books, airline tickets,
> flowers, what not, over the internet with your credit card.
> Thanks to the heads up action of Mastercard, fraudulent activity
> was detected on my credit card very quickly. On the 24th, someone
> impersonating me phone ordered something small from IP Switch in
> Lexington, Mass., as a test, then ordered a computer system from
> Dell in Austin, Tex., with a delivery point in the Sacramento
> area. A report has been filed with the authorities. They and the
> vendor fraud departments are investigating.
>
> CHECK YOUR CREDIT CARD ACCOUNTS FOR FRAUDULENT ACTIVITY. The
> credit card companies may not detect all unusual activity.
>
> Have fun with TTF. Give me a call if you hear me.
>
> 72/73
> Arth W6AGS
>
> <http://www.qsl.net/w6ags>
>
>

Date: Sat, 28 Apr 2001 18:52:53 -0400
From: Michael C Boatright <ko4wx@mindspring.com>
To: qrp-l@Lehigh.EDU, NOGA QRP Club <nogaqrp@qth.net>
Subject: [97249] Re: SOLAR/PROP FOR QRPTTF
Message-ID: <3AEB49C5.D42262FB@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>From <http://www.dxlc.com/solar/>

A very strong solar wind shock was observed at SOHO at 04:27 UT on April 28. Solar wind speed increased abruptly by an incredible 360 km/sec going from 470 to 830 km/sec. There was a substantial increase in proton densities at the time of the shock. Earth should receive an impact at about 05 UT. Very severe storming is possible today.

...very severe storming observed in Georgia. All bands. 32 contacts total in about 4.5 hours. Most productive band was 20, but it would open for about 3-5 minutes every 10 to 15 minutes, much like during QRP ARCI a couple of weeks ago.

Operations near the largest monolith in Georgia, Stone Mountain (well, technically, it's a batholythe, but who's counting???) ceased at about 19:30Z when the storm in the ionosphere leaked down into the stratosphere and then it began to thunder and rain...

72 de Mike, K04WX

--

Mike Boatright, K04WX
Assistant Section Manager for I/T,
GA Section, American Radio Relay League

End of QRP-L Digest 2173

